

**PUBLIC HEALTH AND MEDICAL (EMERGENCY FUNCTION 08)
SITUATION REPORT
ZIKA VIRUS, 2016
DATE OF REPORT: MAY 25, 2016
OPERATIONAL PERIOD: MAY 19 – MAY 25, 2016
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
EMERGENCY MEDICAL SERVICES AUTHORITY**

EXECUTIVE SUMMARY

On Thursday May 18, 2016, the Medical and Health Coordination Center (MHCC) was activated in response to Zika Virus Disease in order to aggregate and update information from a variety of sources and coordinate response activities across the California Department of Public Health (CDPH). CDPH centers and programs will assist in providing information related to their specific activities on a weekly basis. This information will be collected and included in a weekly Public Health and Medical Emergency Function (EF) 8 Situation Report released by the MHCC. The MHCC will manage requests for information from the public, healthcare facilities, and local health districts and ensure responses are timely and accurate during a time of evolving information.

Zika Virus Disease (Zika) is spread to people primarily through the bite of an infected *Aedes* species mosquito. Today, more than 60 countries have documented Zika virus transmission, with over 40 reporting their first outbreak within recent months. The most common symptoms of Zika are fever, rash, joint pain, and conjunctivitis (red eyes). The illness is usually mild with symptoms lasting for several days to a week after being bitten by an infected mosquito. People usually don't get sick enough to go to the hospital, and very rarely die of Zika. For this reason, many people might not realize they have been infected. However, Zika virus infection during pregnancy can cause a serious birth defect called microcephaly, as well as other severe fetal brain defects.

The Centers for Disease Control and Prevention, (CDC), CDPH, California Office of Emergency Services (Cal OES), State level Emergency Function 08 partners, and Emergency Medical Services Authority (EMSA) continue to prepare for the management of Zika cases in California.

CDPH continues to work with the healthcare community and local health jurisdictions to identify potential suspect cases and avoid spread of the disease. New guidelines and updated guidelines released by CDC are posted on the CDPH website available at:

(<http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx>). CDPH and local health jurisdictions are monitoring the situation closely and are taking steps to keep the public safe.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Kala Haley
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	John Wogec
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Todd Frandsen
	Contact Information:	916-423-0911

STATE/REGION OVERVIEW

Table 2. State/Region Overview		
Region/State	Proclamation/Declaration	Activation
MHCC	None	Level I

CDPH RESPONSE ACTIVITIES

CENTER FOR INFECTIOUS DISEASES (CID) DIVISION OF COMMUNICABLE DISEASE CONTROL (DCDC)

The following table provides the number of travel-associated cases of Zika in California residents in 2015 and 2016. CDPH is following CDC testing guidelines. This table is updated every Friday. As of May 20, 2016, there have been 49 travel-associated cases of Zika in California.

- Total: 49
- Pregnant: 10* (cumulative)
- Sexually transmitted: 1

Cases of Zika in California, 2015-2016 (as of May 20, 2016)		
County	Travel-associated cases¥	Locally acquired cases†
Alameda	4	0
Contra Costa	3	0
Los Angeles	13	0
Marin	1	0
Napa	1	0
Orange	2	0
San Bernardino	3	0
San Diego	12**	0
San Francisco	2	0
San Joaquin	2	0
San Mateo	2	0
Santa Clara	1	0
Sonoma	1	0
Yolo	2	0
Total	49	0

* Local Health Departments and CDPH are monitoring all pregnant women and their infants

§Total number of cases includes laboratory-confirmed and probable cases as defined by the CSTE Position Statement

¥Travelers returning from affected areas or their sexual contacts

†Presumed local mosquito-borne transmission

**Includes one non-resident

Epidemiology and Surveillance

- Drafted guidance for testing of non-travelers with Zika-like symptoms living in areas of California with Aedes mosquitos
- Received report of infant with microcephaly born to mother tested for Zika but with undetermined infection status. Infant testing pending.

Laboratory

- Steady testing volume: 141 samples submitted week of May 16th.
- VRDL is planning to bring a new test online in the next couple of weeks as a more specific screening test to the current laboratory testing.
- Attempts to reach Quest to discuss status and plan for Zika virus testing in California.
- Hosted call with the LRN-B laboratories in California to begin coordinating with labs performing Zika testing. Nine laboratories have received the testing kits from CDC; 5 have completed the verification and are authorized to begin testing; 1 laboratory (Santa Clara) has begun running tests in their laboratory. VRDL has developed a weekly test reporting form for the counties as they bring the test online so that we can monitor testing.
- Increased West Nile Virus testing requests prompted need to adjust algorithms to include WNV testing in suspect Zika virus cases as appropriate.

Vector Surveillance and Control

- Drafted travel and health advisory; should be issued soon along with a press release (preferably before Memorial Day weekend).
- Increased mosquito activity in California. Planning upcoming vector control coordination calls throughout the state scheduled to start May 31.
- Planned for airport promotion call scheduled for May 24.

Collaborative Activities

- Center for Family Health and Vector Control developed multiple Zika “toolkits” for clinicians that are posted on the CDPH website.
- Held call with local blood centers, reviewed Zika epidemiology and laboratory information.
- Held monthly call with Local Health Jurisdictions, provided update on new Zika information, with focus on urine testing.

CENTER FOR FAMILY HEALTH (CFH)

Program Events

- CFH, in collaboration with CID, finalized an application for CDC Epidemiology and Laboratory Capacity funding for collaborative participation in the US Zika Pregnancy Registry.
- CFH convened an internal exploratory meeting (May 16) on a possible airport promotion regarding Zika. Next steps: Research airport promotions nationwide to compile lessons-learned, resources (agency/CFH to provide questions). Research past CDPH airport promotions regarding communicable disease prevention (Dr. Watt). Determine what LAX and SFO have done to date (EPO/OPA). Request policy input from Joint Disaster Policy Council (S. Fanelli). Next meeting scheduled June 1, 2016 at 3pm.

Requests for Information (Not sent from CID or MHCC)

- CFH provided technical assistance regarding surveillance for microcephaly to the Acute Communicable Disease Control Program at the Los Angeles County Department of Public Health.
- CFH, in collaboration with CID, provided information to a primary care provider regarding follow-up data for infants requested by the US Zika Pregnancy Registry.

Documents Released By CFH

Zika Outreach Toolkits:

The Center for Family Health Zika Communications Team produced and distributed three Zika Education Outreach Toolkits. They are as follows:

- [Zika + Pregnancy](#) — with a pregnancy-focused poster/handout; social media posts, tweets and graphics; and talking points for home visitors and others who provide services to women who are pregnant or planning pregnancy.
- [Zika + Sexual Transmission](#) — with a “Zika + Sex” poster/handout, social media and talking points for health educators who provide sex education to groups and classrooms.
- [Zika + Travel](#) — with a travel-focused poster/handout, social media and talking points for those who work with college students and others traveling this summer.

These toolkits were uploaded to the Zika website the week of May 16 and placed under a new heading, *Zika Toolkits*:

<http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx>

The link to the toolkits, along with a sample email template that explains the outreach tools, was sent to key audiences the week of May 16 to assist them in distributing the toolkits to their stakeholders:

- Zika + Travel were sent to higher education contacts at California's CSUs, UCs and Community Colleges for distribution to their health center medical directors and PIOs.
- Zika + Sexual Transmission were sent to MCAH Teen Pregnancy Prevention program managers in PREP and I&E. It was also sent to Flojaune Griffin for distribution to her Family PACT contacts.
- Zika + Pregnancy was sent to the Maternal, Child and Adolescent Health Division's BIH, CHVP and AFLP program managers, in addition to Catherine Lopez at WIC, for distribution to WIC agencies.

The Zika Communications Team continues to write Facebook posts and Tweets, providing content on a regular basis to both OPA and the Fusion Center.

Documents Released by CDC Relevant to CFH

- CDC published a new funding opportunity for "Surveillance, intervention, and referral to services activities for infants with microcephaly or other adverse outcomes linked with the Zika virus," with an application due date of June 24th.

CDC Documents Released this Operational Period

The following documents are found on this CDC webpage:

<http://www.cdc.gov/zika/whats-new.html>

- May 20, 2016: [MMWR Possible Zika Virus Infection Among Pregnant Women](#)
- May 20, 2016: [Cases in Pregnant Women](#)
- May 20, 2016: [Zika Active Pregnancy Surveillance System](#)
- May 19, 2016: [How to Protect Against Mosquito Bites](#)

EMERGENCY PREPAREDNESS OFFICE (EPO)

- CDPH has activated the MHCC at a Level 1 to aggregate and update information about Zika from a variety of sources and to coordinate response activities across the CDPH Centers/Programs.
- MHCC and EPO management regularly participate in teleconferences regarding Zika with Federal, State, and local partners, assist in development of guidance documents, and coordinate CDPH Center/Program actions.

CAHAN ALERTS

- 5-20-16 CORRECTION: CAHAN Emergency Alert – MHCC Activation, Zika
- 5-19-16 CAHAN Health Notification - LHD Zika Virus Conference Call 06-22-16
- 5-19-16 CAHAN Emergency Alert – MHCC Activation, Zika
- 5-19-16 CAHAN Emergency Alert – MHCC All-Staff Assembly, Zika
- 5-19-16 CAHAN Emergency Alert – MHCC Management/General Assembly for Zika Activation

PUBLIC INFORMATION

Public Health Advisories in Effect

- 1-19-16: Zika Virus in Latin America.
(<http://www.cdph.ca.gov/HealthInfo/discond/Documents/CDPHZikaVirusHealthAdvisory.pdf>)

Media Contacts of Note

- Ryan Wilmer, freelance reporter, wanted stats on the number of pregnant women in CA with Zika to generate a map to be used by the media. CDPH document with this info was sent to reporter.
- Armida Gallegos Lee, KMJE Radio in Sac, wanted an interview with an SME about Zika. Interview request being facilitated.
- Brian Dinsmore, KPIX CBS in the Bay Area, wanted stats on number of pregnant women in CA with Zika. CDPH document with this info was sent to reporter.
- Rebecca Plevin, Southern CA Public Radio, wanted to know about Zika pregnancy outcomes.
- Gerri Constant, KCAL CBS in LA, wanted stats on number of pregnant women in CA with Zika. CDPH document with this info was sent to reporter.

- Claudia Boyd-Barrett, California Health Report, wanted info on how CA is dealing with the Zika virus. Responses provided.
- Rob Stein, NPR, wanted CDPH to provide him with contact info on pregnant women infected with Zika. He was told that we do not release that info.

GUIDANCE DOCUMENTS

CDC

The following link contains all of the relevant CDC developed documents related to Zika:

<http://www.cdc.gov/zika/whats-new.html>

CDPH

The following link contains all of the relevant CDPH developed documents related to Zika:

<http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx>

American Society of Microbiology (ASM)

The following link contains all of the ASM documents and relevant Zika related updates.

<http://www.asm.org/index.php/public-policy/93-policy/94194-asm-acts-to-counter-zika-virus-outbreak>